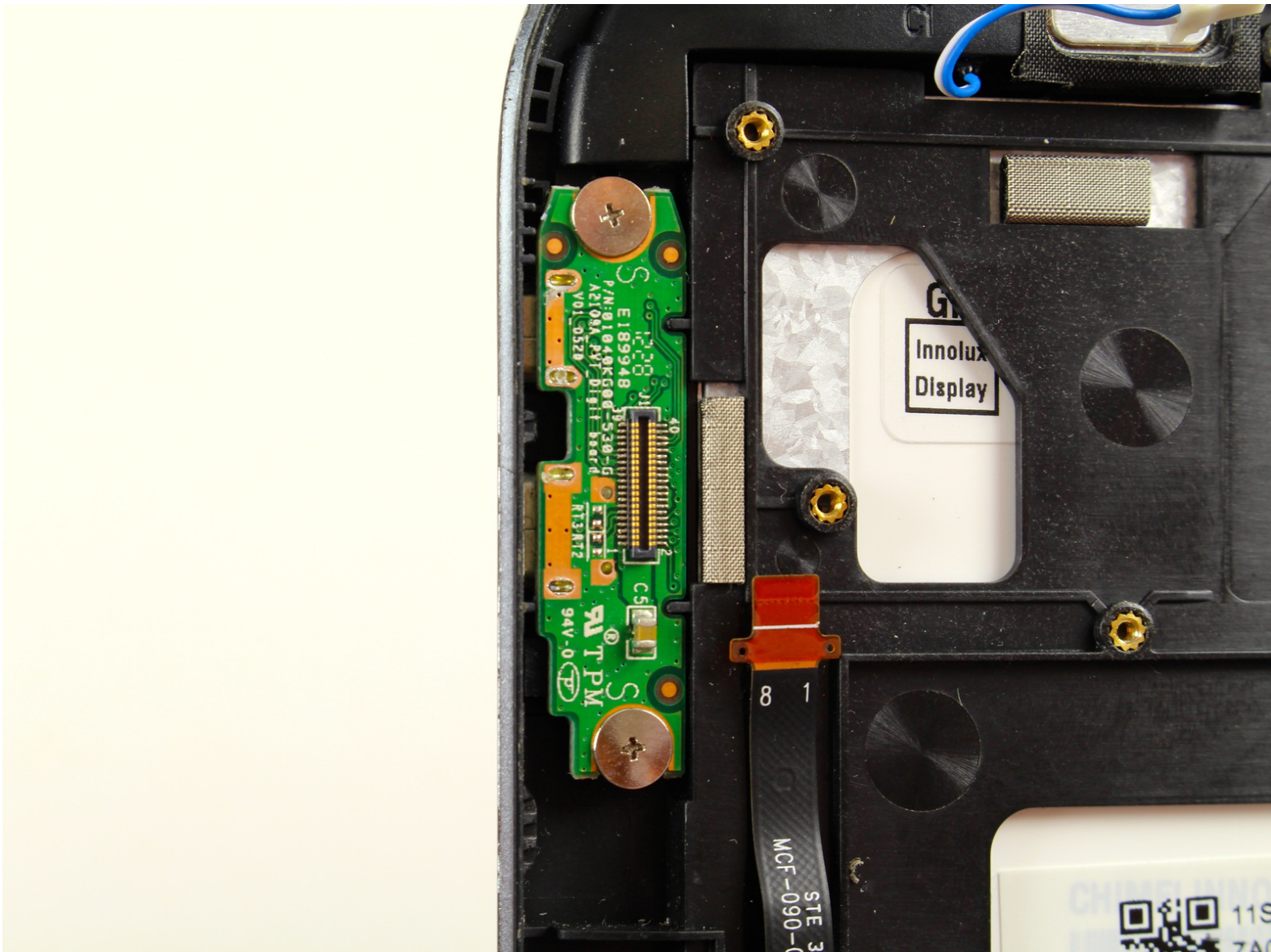




Lenovo IdeaTab A2109 IO Board Replacement

Replace the IO board in your Lenovo IdeaTab A2109.

Written By: Brian



INTRODUCTION

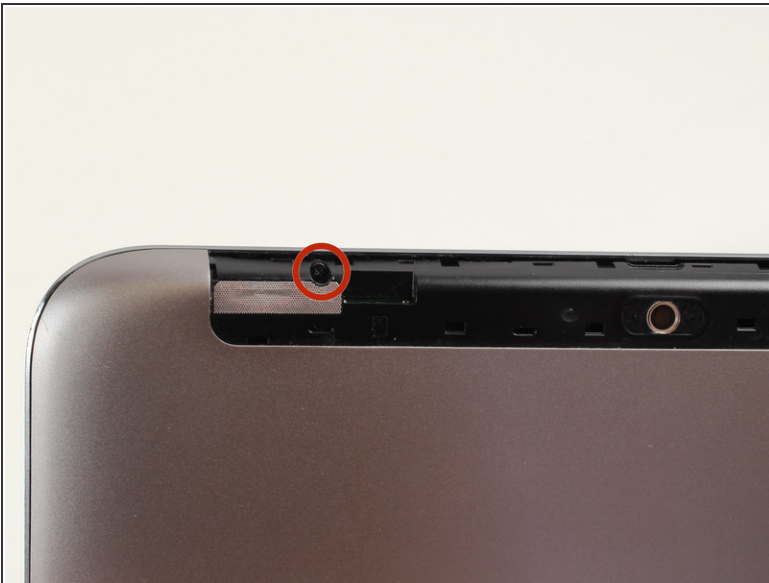
Use this guide to replace the IO board.

Step 1 — Battery



- Look at the back of the tablet and locate the speakers on top of the rear cover.
- There is a smaller indentation in the plastic cover that runs across the top of the device.
- Wedge the plastic opening tool, under the middle of the cover as shown, then push up and the cover will pop off.

Step 2



⚠ Remove SD card if present.

- Remove the following two screws:
 - M3.0 x 3.0 mm #00 phillips screws (black)

Step 3



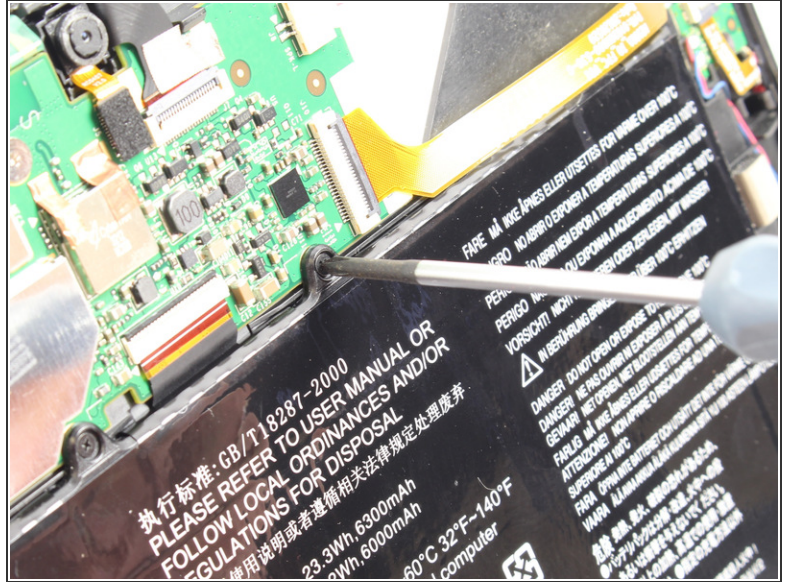
- Pry open cover using a plastic opening tool.
- Leave plastic opening tool in place to maintain the separation.
- It may take a little force to separate from the front face of the device
- Slide the plastic opening tool to one corner.
- Place another plastic opening tool into the gap and slide it to the opposite corner.
- Pull the rear cover up and back to separate it from front face of the device.

Step 4



- Disconnect battery power connector by pinching the connector with tweezers, and sliding it out of the housing.

Step 5



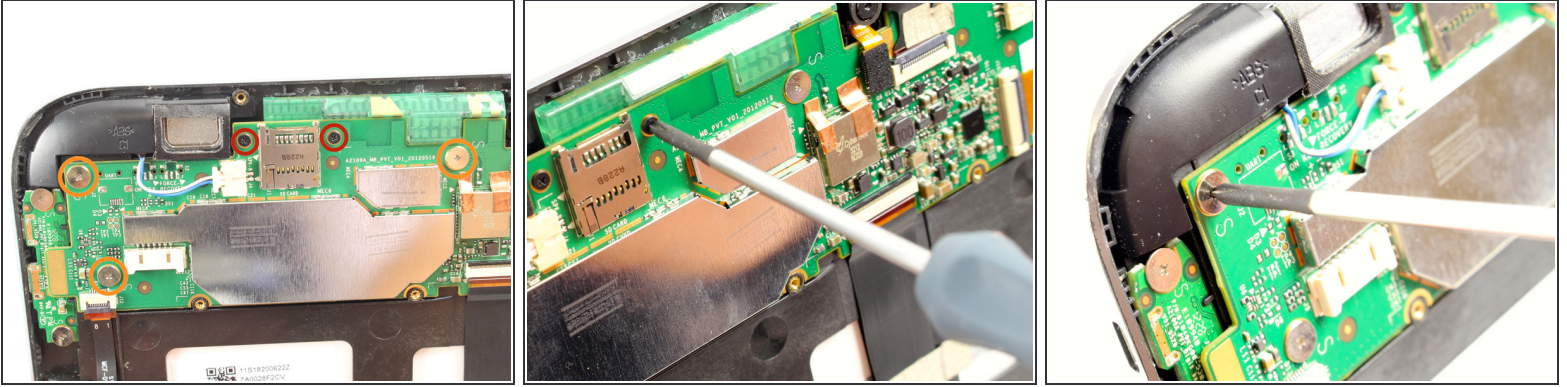
- Remove the following seven screws:
 - M3.0 x 3.0 mm #00 phillips screws (black).
- ⓘ The top right corner screw is underneath a yellow ribbon. Lift the ribbon up without disconnecting it and unscrew the screw.

Step 6



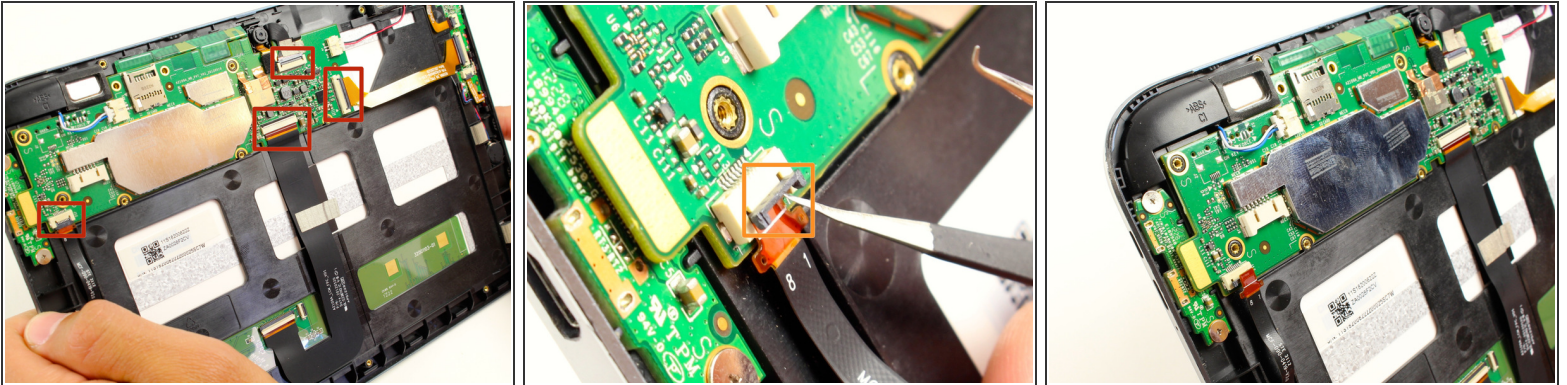
- Now you can take the battery out in order to either replace it or continue disassembling the device.

Step 7 — System Board



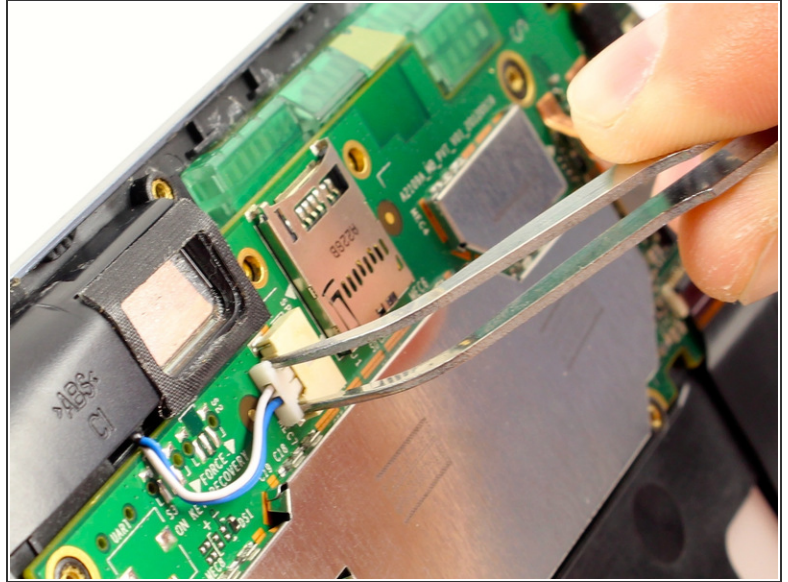
- Remove the following five screws:
 - Two M 3.0 x 3.0 mm #00 phillips screws (black)
 - Three M 5.3 x 1.75 mm #00 phillips screws (silver)

Step 8



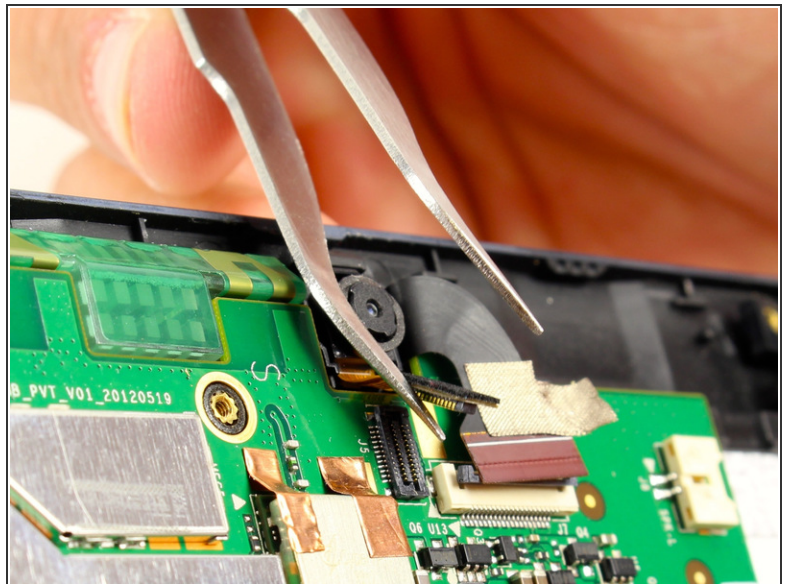
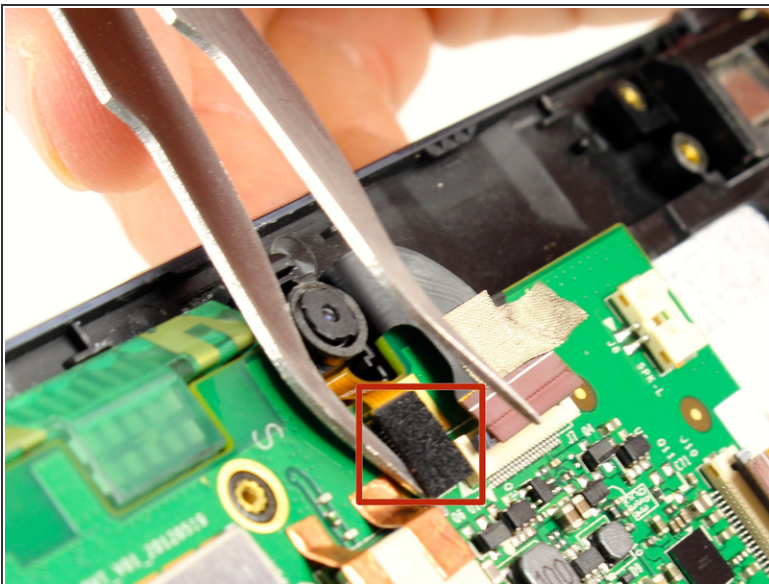
- There are four connections that you must disconnect in order to remove the system board
- Use tweezers to flip up the small black plastic locks on all four connections
- Carefully remove each of the exposed ribbons

Step 9



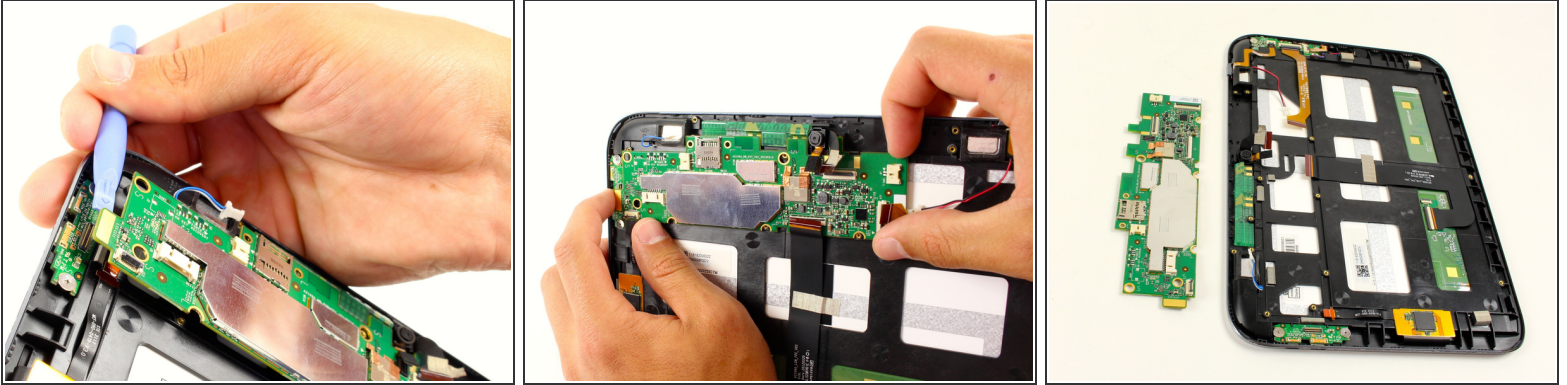
- Disconnect the two speaker connectors by pinching them with tweezers and sliding them out from the system board housing.

Step 10



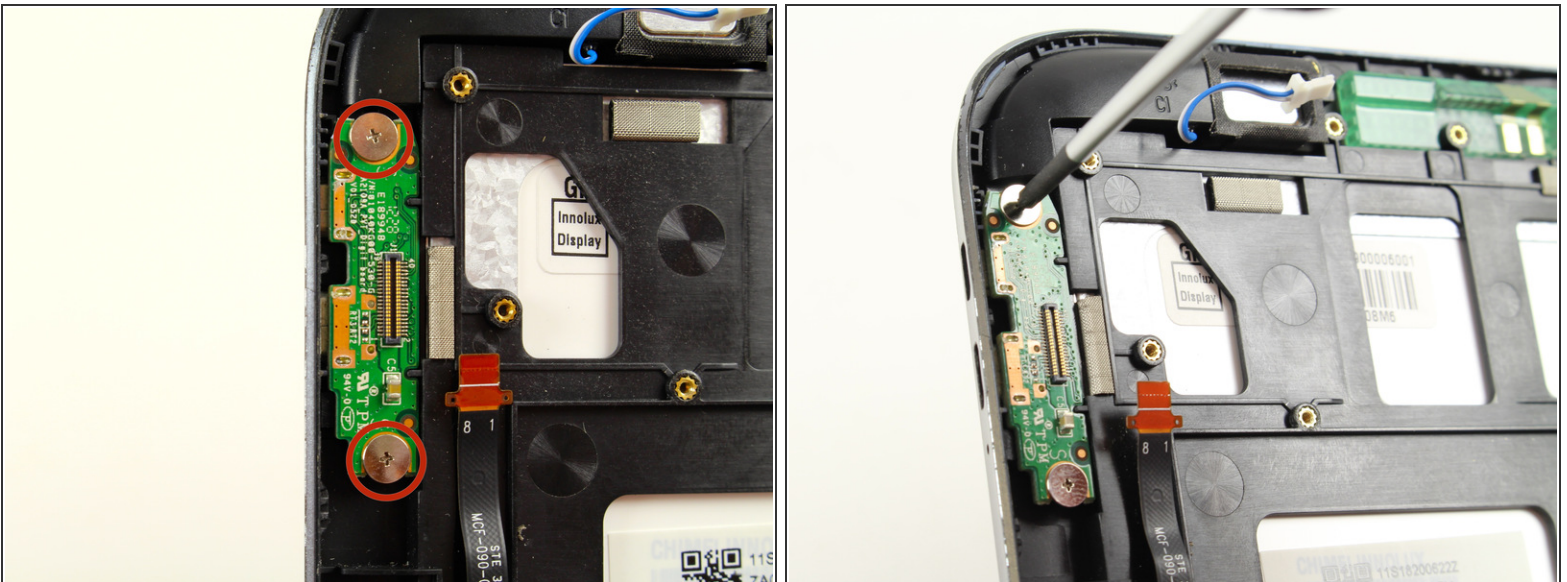
- Use tweezers or your finger nail to disconnect the camera attachment by flipping up the black rectangular connector.

Step 11



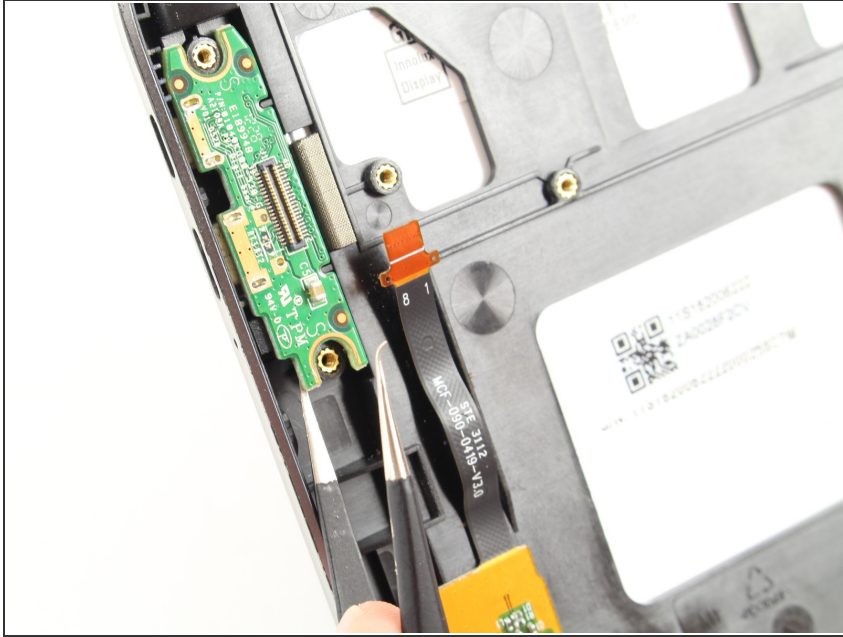
- Disconnect the HDMI connection with the system board
- Use a plastic opening tool to pry up the system board, and you will hear a pop as it comes free
- Slide out the system board from its housing tab on the upper right corner
- Pull the board slowly away from the tab, and it will pop out.

Step 12 — IO Board



- Remove the following two screws:
 - M 5.3 x 1.75 mm #00 phillips screws (silver)

Step 13



- Once the screws are out, use the tweezers to pull the board straight out.

To reassemble your device, follow these instructions in reverse order.

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